Student Name:	Date:
---------------	--------------

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
-	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
(statement that provides the overview and defines the	`		· ·
O (CI) IC (CIIIC GCIIIICS CIIC	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm http://www.careertech.org/career-ready-practices	Mathematics: M	
	http://www.carcerteen.org/carcer-ready-practices	http://www.education.nh.gov/competencies/index.htm	
	Student will:	injectereres/ macx.ntm	
Student will:	Student wm.		Student will:
Understand anatomy and	1. Describe functional differences and	ELA: 2, 4, 6-9	1 2 3 4
physiology as applied to	classify animals according to structures	M:1	For Example: You have been assigned by your supervisor to go
production and/or	and body systems.		out and buy a performance animal or an animal to increase herd
management of animals in	CRP: Apply appropriate academic and		production. You will report to your supervisor your suggested
a domestic or natural	technical skills		purchase, and validate the selection.
environment.			Include # 1-3
	2. Identify selected animal parts from a	ELA: 2	1 2 3 4
	diagram or a real animal.		For Example:
	CRP: Apply appropriate academic and		
	technical skills		
	300000000000000000000000000000000000000		
	3. Identify ways an animal's health can be	ELA: 2,7,8	1 2 3 4
	affected by anatomical or physiological		For Example
	problems and as a result why some		Tor Example
	animals perform better than others.		
	CRP: Apply appropriate academic and technical skills		
	technical skins		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	8
,	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
		mpetencies/index.htm	
Student will:	Student will:		Student will:
	4. Identify good performance and health	ELA: 2,4,6-9	1 2 3 4
	traits and perform simple procedures in	M:2	For Example: At a production facility you must monitor the
	evaluating an animal's health status and		rate of weight gain versus feed consumption for an animal that is
	desirable productive numbers (e.g., birth		to go to market on a targeted date. As an employee, you must
	weight, rate of gain, age of maturity, and		take and record weekly weight gains on a chart, and present it to
	age of sexual maturity).		your manager. Include #4-5
	CRP: Employ valid and reliable research strategies		
	CRP: Apply appropriate academic and technical skills		
	5. Recognize the different phases of an animal's life cycle.	ELA: 2,	
	CRP: Apply appropriate academic and technical skills		
	6. Identify symptoms determine treatment	ELA: 2,4,6-9	1 2 3 4
	and provide care of disease, illnesses, and	M:1, 2	For Example: As a veterinary technician, you have to perform a
	parasites.		fecal test. Upon examination under the microscope, you have to
	CRP: Communicate clearly, effectively		document the findings of an internal parasitic infestation and
	and with reason		design a plan for treatment and prevention, while addressing
	CRP: Apply appropriate academic and technical skills		other health problems that have developed as a result of the worms. i.e., anemic blood test or poor body conditioning scores.

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies (statement that provides the overview and defines the instructional area)	Knowledge, Content and Skills (what a student needs to know and be able to do and upon which they will be assessed) http://www.education.nh.gov/career/career/aaoi.htm http://www.careertech.org/career-ready-practices	NH Common Core State Standards English/Language Arts/Literacy: E Mathematics: M http://www.education.nh.gov/co	Rating Scale -Sample Performance Assessments (Performance tasks the student needs to demonstrate in order to be rated proficient in meeting the competency)
Student will:	Student will:	mpetencies/index.htm	Student will:
	7. Identify the parts of male and female reproductive tracts on sample animals. CRP: Apply appropriate academic and technical skills	ELA: 2,4,7-9	For Example: As a new trainee, you have been given an acquired reproductive tract of a deceased animal. It is your task to identify all the parts and, with an acquired teaching media, recreate the reproductive tract and label all the parts. or You are working for a company that provides informative leaflets for animal owners, and you have been asked to produce a descriptive leaflet on reproductive physiology for two different species. You should include labelled diagrams of the male and female reproductive systems and outline the stages of sexual reproduction.
	8. Analyze the reproductive cycle of a given animal, and evaluate animal's readiness for breeding and heat detection. CRP: Use technology to enhance productivity.	ELA: 2, 4,6-9 M:1,2	For Example: As a facility breeding manager you have to observe a specific species for an allotted period of time, and document noted signs of heat using charts corresponding with animals in the herd.
Understand animal behaviors in order to promote safety practices	9. Explain the scope of normal animal behavior within a species/breed, and assess factors which serve to stimulate or discourage given types of animal behavior. CRP: Apply appropriate academic and technical skills	ELA: 7-8	For Example: A guest speaker, i.e. dog trainer, comes in with an animal or two and talks to trainees about the different types of behavior being shown. A group discuss occurs on the behavior(s) being exhibited and what factors stimulated this behavior. Trainees later use this information and knowledge to analyze different videos of a variety of animal species.

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
assessed)	Arts/Literacy: E	
-	Mathematics: M	
http://www.careertech.org/career-ready-practices		
S4 J4*11-	mpetencies/index.htm	
Student win:		Student will:
10. Identify strengths and weaknesses of	ELA:2,6-9	1 2 3 4
safe handling practices of animals, and		For Example:
demonstrate safe handling procedures.		You have been hired to work at a local animal park, and, as a
AAI 4. Technical and Production Skills		new trainee, you must demonstrate to the supervisor proper
CRP: Work productively in teams while using cultural/global awareness		handling procedures.
CRP : Critical thinking to make sense of problems and persevere in solving them.		
CRP: Demonstrate creativity and innovation		
CRP : Consider the environmental, social and economic impacts of decisions		
CRP: Attend to personal health and financial well-being		
CRP: Apply appropriate academic and technical skills		
CRP: Act as a responsible and contributing citizen and employee		
	(what a student needs to know and be able to do and upon which they will be assessed) http://www.education.nh.gov/career/career/aaoi.htm http://www.careertech.org/career-ready-practices Student will: 10. Identify strengths and weaknesses of safe handling practices of animals, and demonstrate safe handling procedures. AAI 4. Technical and Production Skills CRP: Work productively in teams while using cultural/global awareness CRP: Critical thinking to make sense of problems and persevere in solving them. CRP: Demonstrate creativity and innovation CRP: Consider the environmental, social and economic impacts of decisions CRP: Attend to personal health and financial well-being CRP: Apply appropriate academic and technical skills CRP: Act as a responsible and	(what a student needs to know and be able to do and upon which they will be assessed) http://www.education.nh.gov/career/career/aaoi.htm http://www.careertech.org/career-ready-practices Student will: 10. Identify strengths and weaknesses of safe handling practices of animals, and demonstrate safe handling procedures. AAI 4. Technical and Production Skills CRP: Work productively in teams while using cultural/global awareness CRP: Critical thinking to make sense of problems and persevere in solving them. CRP: Demonstrate creativity and innovation CRP: Consider the environmental, social and economic impacts of decisions CRP: Attend to personal health and financial well-being CRP: Apply appropriate academic and technical skills CRP: Act as a responsible and

Kev: Rating Scale: 1 NO EXPOSURE; 2 = NOVICE (Information was covered in class, but student cannot demonstrate skill or knowledge without significant supervision); 3 = PROFICIENT (Student regularly demonstrates the knowledge or skill); 4= MASTERY (Student demonstrates successful completion of this skill numerous times without supervision.) **Common Core:** E=English/Language Arts (Reading, Writing, Research, Listening Speaking, Technology) | M=Mathematics (Numbers Quantity, Algebra, Functions, Geometry, Stat&Prob)

All Aspects of Industry (AAI) | Career Ready Practices (CRP)

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies (statement that provides the overview and defines the instructional area)	Knowledge, Content and Skills (what a student needs to know and be able to do and upon which they will be assessed) http://www.education.nh.gov/career/career/aaoi.htm http://www.careertech.org/career-ready-practices	NH Common Core State Standards English/Language Arts/Literacy: E Mathematics: M http://www.education.nh.gov/co mpetencies/index.htm	Rating Scale -Sample Performance Assessments (Performance tasks the student needs to demonstrate in order to be rated proficient in meeting the competency)
Student will:	Student will: 11. Operate animal facilities to ensure safety of animals and design facilities appropriate for the production of a given species of animal. AAI 8. Health, Safety, and Environment CRP: Work productively in teams while using cultural/global awareness CRP: Critical thinking to make sense of problems and persevere in solving them CRP: Demonstrate creativity and innovation CRP: Consider the environmental, social and economic impacts of decisions CRP: Apply appropriate academic and technical skills CRP: Act as a responsible and contributing citizen and employee	ELA:2,6-9 M:1,2	Student will: 1 2 3 4 For Example: You have been hired at Pet Life and take on the position of fish room manager. As the manager, you must run and maintain an aquarium for 4 months, while documenting water quality, fish loss, feed requirements, costs, and safety of the employees.
Understand nutritional concepts to maintain optimal animal health.	Explain proper nutrition to maintain animal performance. CRP: Communicate clearly, effectively and with reason CRP: Apply appropriate academic and technical skills	ELA:2,4,6-9 M:1,2	For Example: Student is allowed to select a species/animal of their choice and must map out all nutritional needs and feeding requirements for all stages of life. Examples are not limited to but may include: roughage, concentrates, supplements, and wet verses dry feeds. Presentation can be in the form of a research report, powerpoint or poster. Include #12-15

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	C4 1 4 911 -	mpetencies/index.htm	
Student will:	Student will:		Student will:
	13. Explain the spectrum of feeds and the		1 2 3 4
	nutritional requirements of the animal.		For Example:
			•
	14. Select diets that provide the	ELA:2,4,6-9	
	appropriate quality of nutrients for each	M:1,2	For Example:
	animal's development stage, and		
	determine appropriate feed rations.		
	CRP: Demonstrate creativity and		
	innovation		
	CRP: Consider the environmental, social		
	and economic impacts of decisions		
	CRP: Communicate clearly, effectively		
	and with reason		
	CRP: Apply appropriate academic and		
	technical skills		
	15. Identify the difference between good	ELA:2,6-9	1 2 3 4
	and poor quality feeds.		For Example:

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	Student will:	mpetencies/index.htm	
Student will:	Student win.		Student will:
Understand the	16. Manipulate and evaluate	ELA:2,6-9	1 2 3 4
fundamentals of plant	environmental conditions (e.g., irrigation,		For Example:
production and harvesting	shading) to foster germination, growth,		You're a horticulture teacher who is starting a new CSA with the
to produce a quality	and development.		help of your students. Your goal is to provide healthy, quality
product.	AAI 4. Technical and Production Skills		produce for your customers and supplement the food needed in
	AAI 5. Underlying Principals of Technology		the school kitchen. You need to determine what crops meet local needs and attract local customers.
	AAI 8. Health, Safety, Environment		
	CRP : Use technology to enhance productivity.		
	CRP: Consider the environmental, social and economic impacts of decisions		
	CRP: Demonstrate creativity and innovation		
	CRP: Consider the environmental, social and economic impacts of decisions		
	CRP: Communicate clearly, effectively and with reason		

Key: Rating Scale: 1 NO EXPOSURE; 2 = NOVICE (Information was covered in class, but student cannot demonstrate skill or knowledge without significant supervision); 3 = PROFICIENT (Student regularly demonstrates the knowledge or skill); 4= MASTERY (Student demonstrates successful completion of this skill numerous times without supervision.) Common Core: E=English/Language Arts (Reading, Writing, Research, Listening Speaking, Technology) | M=Mathematics (Numbers Quantity, Algebra, Functions, Geometry, Stat&Prob)

All Aspects of Industry (AAI) | Career Ready Practices (CRP)

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	Student will:	mpetencies/index.htm	
Student will:	Student win:		Student will:
	17. Evaluate and demonstrate	ELA:7-8	1 2 3 4
	transplanting practices.		For Example:
	AAI 4. Technical and Production Skills		As a local grower your employees are continually transplanting
	CRP: Attend to personal health and		plant products to post for resale. You have them use a checklist
	financial well-being		to make sure they match the correct plant with the location,
	CRP: Apply appropriate academic and		(sunlight, wind, water, soil type,) spacing, digging of hole, (size
	technical skills		root ball) to yield healthy and hearty plants.
	18. Describe and apply nutrient	ELA:2,4,6-9	1 2 3 4
	application methods and appropriate	M:1,2	For Example:
	practices.		You work in a greenhouse propagating plants using a variety of
	AAI 5. Principals of Technology		techniques. After evaluating the media for microorganism, soil
	CRP: Use technology to enhance		pH, organic matter, you select the needed amendments for the
	productivity.		soil and propagate your crop for the growing season.
	CRP: Consider the environmental, social		Include #18-20
	and economic impacts of decisions		
	CRP: Communicate clearly, effectively		
	and with reason		
	CRP: Apply appropriate academic and		
	technical skills		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

	Vacadada Cantant and Skills	NII Commerci Com St. 4	Dotting Cools Commis Doufonness A
Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	G. I	mpetencies/index.htm	
Student will:	Student will:		Student will:
	19. Evaluate and determine permeability	ELA:2,4,6-9	1 2 3 4
	and nutrient properties of media.		For Example:
	CRP: Employ valid and reliable research		1
	strategies		
	CRP: Communicate clearly, effectively		
	and with reason		
	CRP: Apply appropriate academic and		
	technical skills		
	20. Identify and describe the biological	ELA:2,4,6-9	1 2 3 4
	functions of microorganisms of media.		For Example:
	CRP : Use technology to enhance		•
	productivity.		
	CRP: Apply appropriate academic and		
	technical skills		
Understand taxonomic or	21. Identify and classify plants as	ELA:2,4,6-9	1 2 3 4
other classification as it	monocots or dicots, and identify the life		For Example:
relates to basic plant	cycle of the plant (annuals, biennials, or		You work for the local cooperative extension, and a local
anatomy and physiology in	perennial).		resident comes in with a local mystery plant which has been
order to identify plants	CRP: Apply appropriate academic and		found in their yard. The homeowner asks you to identify the
and their similar needs and	technical skills		plant and provide findings. Your job is to conduct research and
characteristics.	tecimical skills		provide the homeowner with your findings.
			provide the nomeowner with your midnigs.

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

National Standard, Natio		T	
Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	a	mpetencies/index.htm	
Student will:	Student will:		Student will:
Understand anatomy as	22. Identify plant structures (e.g., seeds)	ELA:2,4,6-9	1 2 3 4
applied to production and	and their functions within the plant.		For Example:
management of plants in a	CRP: Apply appropriate academic and		While working for a bedding plant company, you genetically
domesticated and a natural	technical skills		develop a new color combination for bedding plants. In your
environment in order to			findings, document plant structures, needed germination
produce a quality product.			conditions, and the role of genetic selection.
			, 6
			Include # 22-25
	23. Describe germination process and	ELA:2,4,6-9	1 2 3 4
	conditions.		For Example:
	CRP: Apply appropriate academic and		
	technical skills		
	24. Identify and practice methods of	ELA:2,4,6-9	1 2 3 4
	asexual and sexual plant propagation.		For Example:
	CRP: Communicate clearly, effectively		
	and with reason		
	CRP: Apply appropriate academic and		
	technical skills		
	25. Describe the role of genetics in plants.	ELA:2,4,6-9	1 2 3 4
	CRP: Apply appropriate academic and	M:19	For Example:
	technical skills		•
	CRP: At as a responsible and contributing		
	citizen and employee		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	S4 J4 11.	mpetencies/index.htm	
Student will:	Student will:		Student will:
Understand concepts,	26. Identify plant pests or diseases and	ELA:2,4,6-9	1 2 3 4
methods, and techniques	their life cycles and symptoms.		For Example:
related to pest	AAI 8. Health, Safety, and Environment		You own a Christmas tree farm. While walking through the
management and apply	CRP: Apply appropriate academic and		rows, you notice a group of trees with needle discoloration. You
safety practices to	technical skills		research the problem based on symptoms, identify the pest and
production and			its current life cycle, and devise a method of treatment. After
management of plants in a			applying treatment, you reevaluate the conditions of the trees
domesticated and a natural			and make further recommendations. All pesticide use is
environment to insure a			recorded on yearly EPA use form.
healthy product and			Include #26-28
working environment.			
	27. Determine pest management methods	ELA:2,5-9	1 2 3 4
	for pests and diseases, including the		For Example:
	possibility of resistance to treatment		
	methods.		
	CRP: Apply appropriate academic and technical skills		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies (statement that provides the overview and defines the instructional area)	Knowledge, Content and Skills (what a student needs to know and be able to do and upon which they will be assessed) http://www.education.nh.gov/career/career/aaoi.htm http://www.careertech.org/career-ready-practices	NH Common Core State Standards English/Language Arts/Literacy: E Mathematics: M http://www.education.nh.gov/co mpetencies/index.htm	Rating Scale -Sample Performance Assessments (Performance tasks the student needs to demonstrate in order to be rated proficient in meeting the competency)
Student will:	Student will:		Student will:
	28. Implement and evaluate pest control plan with appropriate treatments for insects and diseases. CRP: Consider the environmental, social and economic impacts of decisions CRP: Apply appropriate academic and technical skills CRP: At as a responsible and contributing citizen and employee	ELA:2,4,6-9 M:1,2	1 2 3 4 For Example:
Understand the agricultural facilities that are necessary to enhance a domesticated and natural environment for efficient and profitable business operations.	29. Conduct a site evaluation for physical condition and design implications. CRP: Consider the environmental, social and economic impacts of decisions CRP: Apply appropriate academic and technical skills	ELA:2,5-9 M:1,2	For Example: As a floral consultant for a wedding or a landscape designer for a home, you need to develop a basic plan for a client that consists of evaluating the needs of the client or site and cost for work. Then, either create a landscape design plan for the client or a complete wedding piece. Include # 29-31
	30. Recognize the principles of design (e.g., space, scale, proportion) and how design tools are used in the industry. AAI 5. Underlying Principles of Technology CRP: Use technology to enhance productivity. CRP: Apply appropriate academic and technical skills	ELA:6-9 M:15	1 2 3 4 For Example:

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	G. I. A. W.	mpetencies/index.htm	
Student will:	Student will:		Student will:
	31. Create a design that includes a	ELA:6-9	1 2 3 4
	financial plan and the plants, hard goods	M:1,2,15	For Example:
	supplies, and tools to be used.		
	CRP : Demonstrate creativity and innovation.		
	CRP : Use technology to enhance productivity.		
	CRP: Demonstrate creativity and innovation		
	CRP: Consider the environmental, social and economic impacts of decisions		
	CRP: Communicate clearly, effectively and with reason		
	CRP: Apply appropriate academic and technical skills		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	S4 J4*11.	mpetencies/index.htm	
Student will:	Student will:		Student will:
Understand the	32. Discuss and identify the skills and	ELA:2,4,6-9	1 2 3 4
fundamental concepts of	behaviors of being a business owner		For Example:
entrepreneurship and how	/entrepreneur (passion, confidence, self-		You are taking a course at DEN Un. in entrepreneurship, as you
entrepreneurship	motivation, tenacity, leadership,		are thinking of opening your own business. An assignment is to
influences the economy	management, etc.)		interview a local business owner (sole proprietor, partnership,
	AA 1. Planning		LLC, Franchise Owner, etc.,) From the interview findings, you
	AAI 2. Management		create a self-assessment chart and take the online assessment to
	CRP: Model integrity, ethical leadership and effective management		test your entrepreneurial aptitude. http://www.forbes.com/sites/tompost/2012/06/04/are-you-an-ontrepreneur startup/
	CRP: Consider the environmental, social and economic impacts of decisions		entrepreneur-startup/
	CRP: Communicate clearly, effectively and with reason		
	CRP: Apply appropriate academic and technical skills		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	G(1 4 9)	mpetencies/index.htm	
Student will:	Student will:		Student will:
	33. Discuss business possibilities, and	ELA:2,4,6-9	1 2 3 4
	identify the steps in planning a business as		For Example:
	well as resources for a business startup		You want to start your own business. You have been advised to
	and operation.		go to see a SCORE representative (Counselors to America's
	AAI 1. Planning		Small Business) who will help you develop a business plan and
	AAI 2. Management:		provide you with information on available financial resources.
	AAI 3. Finance		Include # 33-34
	AAI 6. Labor Issues		
	AAI 7. Community Issues		http://www.nhsbdc.org/need-business-plan
	AAI 3. Finance		input with the details plan
	CRP: Apply appropriate academic and technical skills		
	34. Discuss and develop a rudimentary	ELA:2,4-9	1 2 3 4
	business plan.	M:1,2	For Example:
	AAI 1. Planning		1
	AAI 2. Management:		
	AAI 3. Finance		
	AAI 6. Labor Issues		
	AAI 7. Community Issues		
	CRP: Communicate clearly, effectively and with reason		
	CRP: Apply appropriate academic and technical skills		

Career Cluster: Agriculture, Food and Natural Resources

Program Name: Agriculture, Agriculture Operations, and Related Sciences, Other CIP: 019999 Effective 9/2015

National Standard: National Career Clusters

Competencies	Knowledge, Content and Skills	NH Common Core State	Rating Scale -Sample Performance Assessments
(statement that provides the	(what a student needs to know and be	Standards	(Performance tasks the student needs to demonstrate in order to
overview and defines the	able to do and upon which they will be	English/Language	be rated proficient in meeting the competency)
instructional area)	assessed)	Arts/Literacy: E	
	http://www.education.nh.gov/career/career/aaoi.htm	Mathematics: M	
	http://www.careertech.org/career-ready-practices	http://www.education.nh.gov/co	
	Student will:	mpetencies/index.htm	
Student will:	Student win.		Student will:
Understand the necessary	35. Demonstrate personal growth,	ELA:2,4-9	1 2 3 4
employability, career	community leadership, democratic		For Example
ready skills in order to	principles and social responsibility by		You are an FFA officer and are part of a team that needs to
achieve success in today's	participating in activities/events offered		recruit new members. Create an advertising campaign to attract
workplace.	through FFA and other student and		your target audience, and share your plan with your team and
	professional organizations.		program advisory committee.
	AAI 7. Community Issues		
	AAI 9. Work Habits		
	CRP: Attend to personal health and financial well-being.		
	CRP: Work productively in teams while using cultural/global awareness		
	CRP: Plan education and career path aligned to personal goals		
	CRP: Model integrity, ethical leadership and effective management		
	CRP: Critical thinking to make sense of problems and persevere in solving them		